AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)

2. (Currently Amended) An inter-task communications method achieved by execution of a computer, the inter-task communications method where a transmission request occurs, wherein the transmission request is that a data item be sent from a processing of a first task to a processing of a second task,

the inter-task communications method comprising steps of:

executing, when the transmission request occurs, within the processing of the first task, a data queuing so that the data item is stored in a queue from which the second task can retrieve the data item;

outputting an activation request to an operating system for requesting ~~for~~ ~~activating~~activation of the second task; and

executing, when the second task is activated by a processing of the operating system based on the activation request, a data retrieving within the processing of the second task so that the data item stored in the queue is retrieved from the queue,

wherein, when a transmission request that a given data item be sent occurs, it is determined whether the queue stores a certain data item that is being already stored before the given data item is to be stored,

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wherein, when the certain data item is being already stored before the given data item is

to be stored, no activation request is then outputted,

wherein, when no certain data item is being already stored before the given data item is to

be stored, an activation request is then outputted, and

wherein, within the data retrieving within the processing of the second task, all data items

that can be retrieved from the queue is retrieved from the queue.

3.   (Currently Amended) An inter-task communications method achieved by

execution of a computer, the inter-task communications method where a transmission request

occurs, wherein the transmission request is that a data item be sent from a processing of a first

task to a processing of a second task,

the inter-task communications method comprising steps of:

executing, when the transmission request occurs, within the processing of the first task, a

data queuing so that the data item is stored in a queue from which the second task can retrieve

the data item;

outputting an activation request to an operating system for requesting ~~for~~

~~activating~~activation of the second task; and

executing, when the second task is activated by a processing of the operating system

based on the activation request, a data retrieving within the processing of the second task so that

the data item stored in the queue is retrieved from the queue,

wherein, when a transmission request occurs, it is determined whether a given activation

request for requesting for activating the second task is present in the operating system,

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wherein, when the given activation request is present in the operating system, no given

activation request for requesting for activating the second task is then outputted,

wherein, when no given activation request is present in the operating system, the given

activation request for requesting for activating the second task is then outputted, and

wherein, within the data retrieving within the processing of the second task, all data items

that can be retrieved from the queue is retrieved from the queue.

4.   (Currently Amended) The inter-task communications method of Claim 2̶1̶,

wherein the second task is one of a plurality of tasks that individually have different

priority levels,

wherein the queue is provided for each of the priority levels,

wherein the operating system includes task specifying information that specifies a task,

wherein an activation request for activating the task specified by the specifying information is

already outputted to the operating system and activating the task specified by the specifying

information is yet to be executed, and

wherein the operating system activates, in a descending order of the priority levels, the

tasks specified by the task specifying information.

5.-7. (Canceled)

8.   (Currently Amended) A computer program product on a computer readable

medium for use in an inter-task communications where a transmission request occurs, wherein

the transmission request is that a data item be sent from a processing of a first task to a

processing of a second task,

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the computer program product comprising instructions of:

executing, when the transmission request occurs, within the processing of the first task, a

data queuing so that the data item is stored in a queue from which the second task can retrieve

the data item;

outputting an activation request to an operating system for requesting ~~for~~

~~activating~~activation of the second task; and

executing, when the second task is activated by a processing of the operating system

based on the activation request, a data retrieving within the processing of the second task so that

the data item stored in the queue is retrieved from the queue,

wherein, when a transmission request that a given data item be sent occurs, it is

determined whether the queue stores a certain data item that is being already stored before the

given data item is to be stored,

wherein, when the certain data item is being already stored before the given data item is

to be stored, no activation request is then outputted,

wherein, when no certain data item is being already stored before the given data item is to

be stored, an activation request is then outputted, and

wherein, within the data retrieving within the processing of the second task, all data items

that can be retrieved from the queue is retrieved from the queue.

9.   (Currently Amended) A computer program product on a computer readable

medium for use in an inter-task communications where a transmission request occurs, wherein

the transmission request is that a data item be sent from a processing of a first task to a

processing of a second task,

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the computer program product comprising instructions of:

executing, when the transmission request occurs, within the processing of the first task, a

data queuing so that the data item is stored in a queue from which the second task can retrieve

the data item;

outputting an activation request to an operating system for requesting ~~for~~

~~activating~~activation of the second task; and

executing, when the second task is activated by a processing of the operating system

based on the activation request, a data retrieving within the processing of the second task so that

the data item stored in the queue is retrieved from the queue,

wherein, when a transmission request occurs, it is determined whether a given activation

request for requesting for activating the second task is present in the operating system,

wherein, when the given activation request is present in the operating system, no given

activation request for requesting for activating the second task is then outputted,

wherein, when no given activation request is present in the operating system, the given

activation request for requesting for activating the second task is then outputted, and

wherein, within the data retrieving within the processing of the second task, all data items

that can be retrieved from the queue is retrieved from the queue.

10.   (Canceled)

11. (New) An electronic device achieving an inter-task communications where a

transmission request occurs, wherein the transmission request is that a data item be sent from a

processing of a first task to a processing of a second task, the electronic device comprising:

a computer; and

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a program executed by the computer,

wherein the program includes steps of:

executing, when the transmission request occurs, within the processing of the first task, a data queuing so that the data item is stored in a queue from which the second task can retrieve the data item;

outputting an activation request to an operating system for requesting activation of the second task; and

executing, when the second task is activated by a processing of the operating system based on the activation request, a data retrieving within the processing of the second task so that the data item stored in the queue is retrieved from the queue,

wherein, when a transmission request occurs, it is determined whether a given activation request for requesting for activating the second task is present in the operating system,

wherein, when the given activation request is present in the operating system, no given activation request for requesting for activating the second task is then outputted,

wherein, when no given activation request is present in the operating system, the given activation request for requesting for activating the second task is then outputted, and

wherein, within the data retrieving within the processing of the second task, all data items that can be retrieved from the queue is retrieved from the queue.

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12. (New) An electronic device achieving an inter-task communications where a

transmission request occurs, wherein the transmission request is that a data item be sent from a

processing of a first task to a processing of a second task, the electronic device comprising:

a computer; and

a program executed by the computer,

wherein the program includes steps of:

executing, when the transmission request occurs, within the processing of the first task, a

data queuing so that the data item is stored in a queue from which the second task can retrieve

the data item;

outputting an activation request to an operating system for requesting activation of the

second task; and

executing, when the second task is activated by a processing of the operating system

based on the activation request, a data retrieving within the processing of the second task so that

the data item stored in the queue is retrieved from the queue,

wherein, when a transmission request that a given data item be sent occurs, it is

determined whether the queue stores a certain data item that is being already stored before the

given data item is to be stored,

wherein, when the certain data item is being already stored before the given data item is

to be stored, no activation request is then outputted,

wherein, when no certain data item is being already stored before the given data item is to

be stored, an activation request is then outputted, and

wherein, within the data retrieving within the processing of the second task, all data items that can be retrieved from the queue is retrieved from the queue.

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